Subject: [railML3|alpha] Remarks on example_tiny_v02.xml of v0.is3
Posted by Felix Prüter on Thu, 01 Sep 2016 12:28:55 GMT
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Hello Christian,
i recognized inconsistend references from all relation nodes of netElements like ref="nr003109" to the netRelations (id="nr_a01a03".
The references of the opposite direction are correct :-)

The netElement with id="ne_B03" is referneced with ref="ne_b03". I think it shiould be lower case everywhere... ;-)

Best Regards
Felix

Subject: [railML3|alpha] Re: Remarks on example_tiny_v02.xml of v0.is3
Posted by Felix Prüter on Thu, 01 Sep 2016 14:30:43 GMT
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Hi Christian,
I studied the example completly and have further remarks and questions.
I understand that the example is not yet complete but maybe we can discuss some topics on its current state.

I noticed, that the way locating assets in railML differs from the RTM approach.

```
<levelCrossings>
  <levelCrossing name="levelCrossing01" id="lc_01">
    <spotLocation id="sloc_001">
      <spot id="sloc_001_01" netElementRef="ne_x01" dir="up" pos="1500" />
      <gml_point id="gml_01">
        <description>this is a GML point</description>
        <pos>52.123 10.456</pos>
      </gml_point>
    </spotLocation>
    <spotLocation id="sloc_023">
      <spot id="sloc_023_01" posSystemRef="lps_01" pos="0.850"/>
    </spotLocation>
  </levelCrossing>
</levelCrossings>
```

The LC is located using 2 SpotLocations.
One refers to an netElement using an absolute(?) position.
One refers to a positioningSystem using an intrinsic(?) position.

How to distinguish between the to approaches? Is the a rule, whether the pos attribute is a absolute, relative or intrinsic value?

Unfortunately the link between the topology and the coordinates (via AssociatedPositioningSystem elements) is missing at all (or are incorrect if present) so there is no chance to know about the 'real' length of any netElement.
I assume the values of the RTM-wiki-example!?

Best Regards
Felix

Subject: [railML3|alpha] Re: Remarks on example_tiny_v02.xml of v0.is3
Posted by christian.rahmig on Fri, 02 Sep 2016 07:07:25 GMT
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Dear Felix,

you are absolutely right: the mentioned railML example file is inconsistent. I discovered this issue after uploading. Check the cloud again and you will find a newer (and corrected) version of the example.

Thank you very much for being attentive!
Christian

Am 01.09.2016 um 14:28 schrieb Felix Prüter:
> Hello Christian,
> i recognized inconsistend references from all relation nodes
> of netElements like ref="nr003109" to the netRelations
> (id="nr_a01a03".
> The references of the opposite direction are correct :-)
>
> Best Regards
> Felix

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Christian Rahmig
railML.infrastructure coordinator